

Injection lances are used for filling of lying or slightly disposed wall and roof elements. The lance is inserted through an injection hole in the frame of the element across its entire length. The twin pipe construction makes a good conduction of the excess air through a ventilation cage possible. The excess air is led to the dust bag (passive ventilation) or a connected extraction system (active ventilation). The length of the injection lance can be selected freely. The fixed lance can be used up to a length of 5.55 m. We recommend the use of a telescope lance for elements with lengths of more than 4 m up to 11.7 m. The space behind the element must be rated sufficient for a good handling (> overall length of the lance).

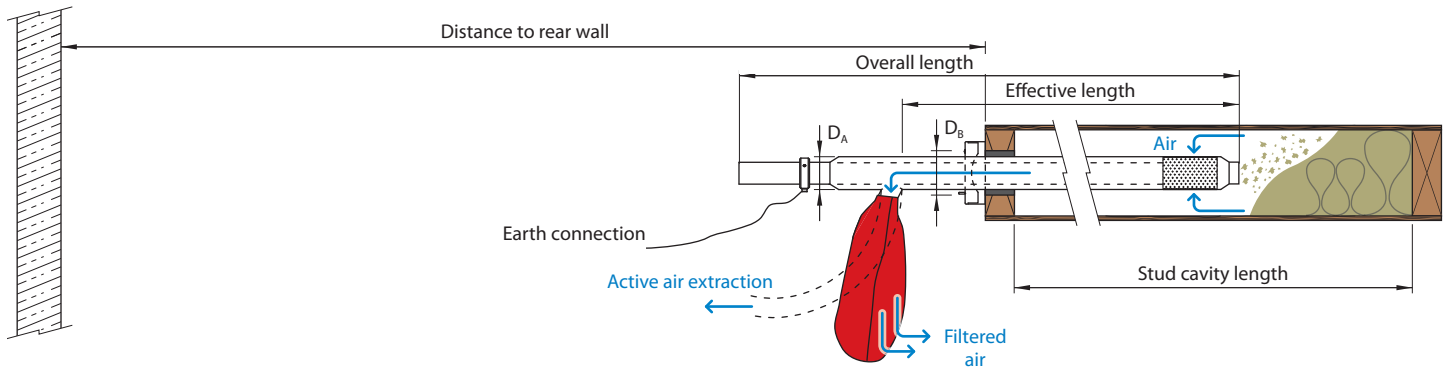
Advantages of the method:

- ➔ Ease of use and good control possibility
- ➔ Time-saving process due to easy handling
- ➔ Consistent allocation and insulation density achievable
- ➔ Reduces the risk of board deformation by active / passive ventilation
- ➔ Hardly any adhesion of insulation material due to smooth outer wall

Technical data

	Injection lance fixed NW75/90	Telescope injection lance
Active / passive ventilation	✓	✓
Length (free choice)	1,5 to 5,55 m	2 to 11,7 m
Hose	50 mm (2") / 63 mm (2 ½")	50 mm (2")
Inner pipe	50 × 1,5/63,5 × 1,5 mm	50 × 1,5 / 75 mm
Outer pipe D _A	75/90 mm	75 mm
Drill hole required D _B	≥ 80 / ≥ 95 mm	≥ 80 mm
Material	Aluminium + PE pipe	Aluminium + PE pipe / hose
Weight	11,5 to 18 kg	4,3 to 12,9 kg
Prod.no.	2675/3740	4626

Injection lances

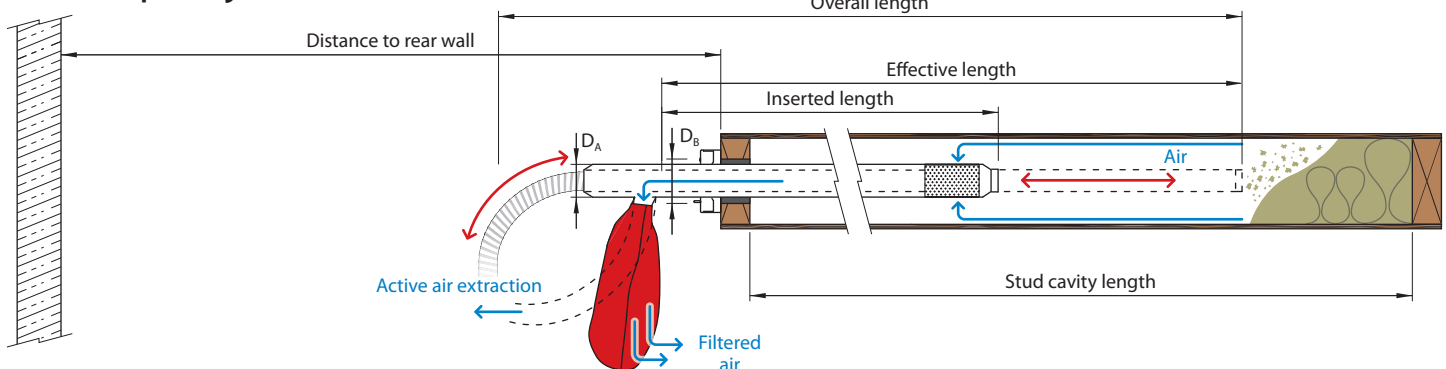


Determination of the lance length:

Effective length = stud cavity length + frame thickness + thickness of the injection sleeve (optional)

Overall length = effective length + 450 mm

Telescope injection lances



Determination of the lance length:

Effective length = stud cavity length + frame thickness + thickness of the injection sleeve (optional)

Overall length (lifted) = effective length + 450 mm

Overall length (inserted) = $\frac{\text{effective length}}{2} + 750 \text{ mm}$